

Please type a plus sign (+) inside this box →

PTO/SB/05 (03-01)  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF  
COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under  
37 CFR 1.53(b))

Attorney Docket No. 41575-127

First Inventor Jintao Liu

Title Planetary Gear Actuator Apparatus and Method

Express Mail No. EV 37699011 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent  
application contents.

**ADDRESS TO:**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

1. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
2. ☒ Specification [Total Pages 17]  
(preferred arrangement set forth below)
  - ☒ Descriptive title of the invention
  - ☐ Cross Reference to Related Applications
  - ☒ Statement Regarding Fed sponsored R & D
  - ☐ Reference to sequence listing, a table,  
or a computer program listing appendix
  - ☒ Background of the Invention
  - ☒ Brief Summary of the Invention
  - ☒ Brief Description of the Drawings (if filed)
  - ☒ Detailed Description
  - ☒ Claim(s)
  - ☒ Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
4. Oath or Declaration [Total Pages 2]
  - a. ☐ Newly executed (original or copy)
  - b. ☒ Unexecuted
  - c. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 17 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).

5. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identify of above copies

**ACCOMPANYING APPLICATION PARTS**

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney (Unexecuted)  
(when there is an assignee)
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Preliminary Amendment ☒ Other: Check
12. ☐ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
13. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
14. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent
15. ☒ Certificate of Express Mail
16. ☒ Acknowledgment Postcard

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.:

Prior application information:

Examiner

Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is  
supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby  
incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted  
application parts.

**18. CORRESPONDENCE ADDRESS**



Customer Number or Bar Code Label

**029493**

(Insert Customer No. or Attach  
bar code label here)

or



Correspondence address below

Name

Robert C. Haldiman, 45,437

Address

Husch & Eppenberger, LLC

190 Carondelet Plaza, Suite 600

City

St. Louis

State

MO

Zip Code

63105

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD				Application or Docket Number 41575-127			
CLAIMS AS FILED- PART I				SMALL ENTITY		OR	OTHER THAN SMALL ENTITY
FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA		RATE	FEE		RATE
BASIC FEE (37 CFR 1.16(a))					385.00		770.00
TOTAL CLAIMS (37 CFR 1.16(c))	17 minus 20 =	0		x \$9.00 =		OR	x \$18.00 =
INDEPENDENT CLAIMS (37 CFR 1.16(b))	2 minus 3 =	0		x \$43.00 =		OR	x \$86.00 =
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))				+ \$145.00 =		OR	+ \$290.00 =
* If the difference in column 1 is less than zero, enter "0" in column 2				TOTAL		OR	TOTAL \$770.00

- ☒ A check in the amount of \$770.00 is attached.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 08-3460 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \$
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.



Signature

Dated: Jan 27, 2004

Robert C. Haldiman, 45,437  
Husch & Eppenger, LLC  
190 Carondelet Plaza, Suite 600  
St. Louis, MO 63105  
309-637-4900  
309-637-4928 FAX

Customer No. 029493

I certify that the document and fee is being deposited on  
1-27-04 with the U.S. Postal Service as Express Mail  
under 37 C.F.R. 1.10 and is addressed to Mail Stop Patent  
Application, Commissioner for Patents, P.O. Box 1450,  
Alexandria, VA 22313-1450

Express Mail No. EV 376990011 US



Signature of Person Mailing Correspondence

Deborah Lane-Christian

Typed or Printed Name of Person Mailing Correspondence